

Amendments to the Specification:

Please amend the paragraph beginning on page 1, line 2 as follows:

The invention relates to an exhaust-gas cleaning unit having a particle filter and a nitrogen oxide store and to a method for operating a unit of this type. Exhaust gas cleaning units of this type are suitable in particular for cleaning the exhaust gases of diesel engines ~~from~~ of, for example, motor vehicles.

Please amend the paragraph beginning on page 4, line 24 as follows:

A control unit, which may be formed, for example, by an engine control unit which controls the exhaust-emitting diesel engine, is used to control the operation of the exhaust gas cleaning unit. The control unit determines the operating state of the exhaust gas cleaning unit using various sensors arranged in the exhaust system 1. These sensors include in particular a first sensor arrangement S1. Upstream of the nitrogen oxide store 3, for detecting the lambda value, the nitrogen oxide content and the temperature of the exhaust gas, a second and third sensor arrangement S2, S3 between the nitrogen oxide store 3 and the particle filter 2 and downstream of the latter, respectively, in each case to determine pressure and temperature, and, also downstream of the ~~optional~~ oxidation catalytic converter 4, a fourth sensor arrangement or lambda probe S4 for determining the lambda value and oxygen and/or nitrogen oxide content. Depending on the particular application, only some of the abovementioned sensors may be provided.

Please amend the paragraph beginning on page 5, line 26 as follows:

The exhaust gas cleaning unit illustrated in Fig. 4 uses a modified particle filter 2a which, in an inlet-side section 7, ~~is~~ includes particles provided with a coating which is active

in cleaning of the exhaust gas. Depending on the particular application, this coating is selected so that it ~~fulfills~~ fulfills an oxidation catalyst function or an HC/CO/O₂ storage function or a function of promoting soot burn-off. Suitable materials for such coatings are conventional and therefore require no further explanation. In the first case, the coating acts as an oxidation catalyst, i.e., it catalyzes oxidation of gaseous, oxidizable exhaust-gas constituents. In the second case, the coating serves to store unburned hydrocarbons, carbon monoxide or oxygen contained in the exhaust gas at the inlet side of the particle filter 2a, depending on the operating state of the diesel engine and of the exhaust-gas cleaning unit. In this manner, it is possible, for example, to prevent a breakthrough of unburned hydrocarbons and of carbon monoxide. In the third case, the coating serves as an oxidation aid in the soot burn-off during the soot regeneration of the particle filter, with the result that the soot burn-off may occur even at relatively low temperatures.

Please amend the paragraph beginning on page 6, line 28 as follows

In the unit illustrated in Fig. 4, a breakthrough of unburned hydrocarbons and/or carbon monoxide may also be prevented as a result of the ~~particle filter coating~~ coatings of the particles in the inlet-side section 7 containing a material which has an HC/CO/O₂ storage function and, depending on the exhaust gas atmosphere and exhaust gas temperature, is able to temporarily store hydrocarbons and carbon monoxide and/or to oxidize them using temporarily stored oxygen.